

directions, supplied by Molecular Probes Europe B.V., Leiden, NL). After the cells have been thoroughly washed (5 x 10 minutes) to wash off any adhering residual dye which has not been integrated in the membrane, the two cell populations are mixed and commonly incubated at a low cell density in Hams F12 (10% fetal calf serum and antibiotics) under standard culturing conditions (5% carbon dioxide, 38 °C, over 90% humidity) for 24 hours. After this culturing phase, the cells were detached from the bottom of the culture dish using trypsin and suspended, and a flow cytometer was used to determine how many of the cells present have acquired double fluorescence by fusion. Figure 3 shows an example of such an evaluation of a fusion assay in a flow cytometer. Under control conditions (Figure 3a, in the presence of the non-specific phage M13), the spontaneous fusion rate is at 19%, while the GP1-specific phage clone 2 results in a decrease of the fusion rate to 11%.

Tables

Table 1: Sequences of the primers for the amplification of Vh and Vk and the overlap extension PCR

Acronym	PCR: Vh and Vk
	a) Vk
CSCVK (see 20 no 1)	5' GTGGCCCAGGCCCTGACTCAGCCGTCTCGGTGTC3'
CKJo-B (see 20 no 1)	5' CGAAGATCTAGAGGACTGACCTAGGACGGTCAGG3'
	b) Vh
CSVHo-F (see 20 no 3)	5' GGTCA GT CCTCTAGATCTTCCGCGTGACGTTGGACGAG3'
CSCG-B (see 20 no 4)	5' CTGGCCGGCCTGGCCACTAGTGGAGGAGACGATGACTTCGGTCC3'
	Overlap extension PCR
CSC-F (see 20 no 5)	5' GAGGAGGAGGAGGAGGAGGTGGCCAGGCGGCCGTGACTCAG3'
CSC-B (see 20 no 6)	5' GAGGAGGAGGAGGAGGAGGAGCTGGCCGGCCTGGCCACTAGTGGAGG3'

--Table 1: Sequences of the primers for the amplification of Vh and Vk and the overlap extension PCR

Acronym	PCR: Vh and Vk
CSCVK (SEQ ID NO: 1)	a) Vk 5' GTGGCCCAGGC GGCCCTGACTCAGCCGTCCCTCGGTGTC3'
CKJo-B (SEQ ID NO: 2)	5'CGAAGATCTAGAGGACTGACCTAGGACGGTCAGG3'
CSVHo-F (SEQ ID NO: 3)	b) Vh 5'GGTCAGTCCTCTAGATCTTCCGCCGTGACGTTGGACGAG3'
CSCG-B (SEQ ID NO: 4)	5'CTGGCCGGCCTGCCACTAGTGGAGGAGACGATGACTTCGGTCC3'
	Overlap extension PCR
CSC-F (SEQ ID NO: 5)	5'GAGGAGGAGGAGGAGGAGGTGGCCCAGGC GGCCGTGACTCAG3'
CSC-B (SEQ ID NO: 6)	5'GAGGAGGAGGAGGAGGAGGAGCTGGCCGGCCTGCCACTAGTGGAGG3'

REMARKS

By the instant amendment, SEQ ID numbers appearing in the Sequence Listing, filed concurrently herewith, are inserted into the specification.